

Datasheet

Inhibitors / Agonists / Screening Libraries

A DRUG SCREENING EXPERT

Product Name : Doxepin D3 Hydrochloride
Catalog Number : T11088
CAS Number : 347840-07-7
Molecular Formula : C₁₉H₁₉D₃CINO
Molecular Weight : 318.86

Description: Doxepin D3 Hydrochloride is a deuterium-labeled doxepin hydrochloride. Doxepin hydrochloride is an oral active tricyclic antidepressant used as a sedative. Doxepin hydrochloride is also an effective CYP450 inhibitor, significantly inhibiting CYP450 2C19 and 1A2. Doxepin hydrochloride is an effective selective histamine receptor H1 antagonist.

Storage: 2 years -80°C in solvent; 3 years -20°C powder;

Receptor (IC50)	Histamine receptor H1
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Reference

- Hajak, G., et al., Doxepin in the treatment of primary insomnia: a placebo-controlled, double-blind, polysomnographic study. *J Clin Psychiatry*, 2006;27(6): p. 453-63.
- Gillman PK1. Tricyclic antidepressant pharmacology and therapeutic drug interactions updated. *Br J Pharmacol*. 2007 Jul;151(6):737-48.

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Information for product storage and handling is indicated on the product datasheet. Targetmol products are stable for long term under the recommended storage conditions. Our products may be shipped under different conditions as many of them are stable in the short-term at higher or even room temperatures. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, please follow the storage recommendations on the product data sheet.